

**INTERMOUNTAIN POWER PROJECT
APPLICATION ANALYSIS**

January 25, 1980

A. Applicability Determination

The proposed Intermountain Power Project (IPP) will consist of four coal fired electrical power units that will generate 750 megawatts each for a total of 3,000 megawatts. Emissions from the Source will be from the two main stacks, coal handling, lime handling, ash handling, and haul roads.

Estimated emissions from the proposed operations are as follows:

PARTICULATES

<u>Operation</u>	<u>Potential (tons/yr)</u>	<u>Actual (tons/yr)</u>	<u>Allowable (tons/yr)</u>
Two-stacks	939,552	2,120	3,348
Coal Unloading	200	3	N/A
Coal Crushing	758	1.5	N/A
Coal Conveying	250	25	N/A
Conveyor Transfer	500	6	N/A
Coal Storage	1,208	120.8	N/A
Lime Transfer and Storage	17	0.1	N/A
Ash Silo Unloading	9,390	94	N/A
Haul Roads	341	5	N/A
Total Particulates	952,208	2,375.4	

Other pollutants are only emitted from the main stacks and are estimated as follows:

<u>Pollutant</u>	<u>Potential (tons/yr)</u>	<u>Actual (tons/yr)</u>	<u>Allowable (tons/yr)</u>
SO ₂	164,032	16,404	49,210
NO _x	98,195	61,371	61,371
CO	5,468	5,468	N/A
HC	1,641	1,641	N/A

The proposed IPP plant is subject to review as required under Section 52.21 (i) for emissions of particulates, sulfur dioxide, nitrogen oxides, carbon dioxide and hydrocarbons.

monoxide?